

85331A/7 L02 KIEN = 22.07.76 L12-C2).

KIEV ENG CONS INST  
22.07.76-SU-389734 (05.01.73) COMB-15/08  
Mist. for the mfr. of bricks - contg. dehydrated clay, hydrated  
nepheline sludge and granulated nepheline sludge.

Mixture for the mfr. of building bricks containing (in wt.  
%): dehydrated clay (I) 5-40, hydrated nepheline sludge  
(II) 30-80 and nepheline sludge of specified concreteness  
(mod. 1.5-2.5) (III) the rest. The clay (I) to obt. by  
heating to 500-800°C and (II) to obt. by grinding with  
water at the solid: water ratio of 3:0.5, and steaming or  
autoclaving. Semi-dry pressing under 150-400 kg/cm<sup>2</sup>  
yielded bricks which require no further firing or auto-  
claving.

EXAMPLE

A typical mist. contg. (in wt. %): (I) 5, (II) 80 and (III) 15.  
Gave brick with compressive strength of 102 kg/cm<sup>2</sup> at  
once after forming, the strength increasing after 28 days  
in air (water) to 205(208) kg/cm<sup>2</sup>. The bricks withstand  
35 freezing cycles. (2ppi 24).

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